PAPA 2012 Annual Meeting Pinedale, Wyoming



QEP Pinedale Division

February 23, 2012

2011 Summary

- Drilled and completed 105 wells
- ▶ 635 producing wells
- > 73 well pads
 - 1 new pad built in CDA
 - 7 pad expansions in CDA
 - 1 delineation pad built outside CDA (SP 7-28): 2 wells drilled and completed and interim reclamation applied prior to November 15, 2011
 - 8 pads fully developed with interim reclamation within CDA
 - 64 pads (88%) with interim reclamation (18 on pads with no current plans for further development)
 - All pits closed on inactive pads
- Pinedale Anticline Monitoring and Mitigation Fund
 - Operators pay \$7500 per well spud
 - \$825,000 paid to MMF for 110 spud wells in 2011
 - \$5,497,500 paid to MMF since September 2008 ROD inception



2011 Emissions Summary

- ▶ 634 producing wells in DA-1 connected to LGS
- ➤ LGS implemented in 2005; all future wells to be connected to system
- Over 139,632 truck trips eliminated since LGS installation
- > Rig air permit received on 6-10-10
 - As of 12-30-11, all rig engines are equipped with SCR controls
- Annual OZONE contingency plan updated & training completed
- Implemented quarterly Leak Detection and Repair program at all QEP well pads in 2011



2011 Water Summary

- 939,487 barrels of fresh water from water supply wells used for operations
 - Drilling 650,959 bbls
 - Completions 114,380 bbls
 - Dust control 135,748 bbls
 - Stock water 38,400 bbls
- ➤ Produced water volume 3,552,965 barrels
 - Piped via QEP's LGS to AntiCline for processing or to QEP's water disposal well facility for disposal
- Completions
 - 2,172,933 bbls of water used for completion operations
 94.7% of this volume was recycled produced water (2,058,553 bbls)



2012 Overview

- Focused development activity within the CDA includes (but not limited to) pad construction, drilling, completions, production facility installations, well hookups and full interim reclamation
- Currently rigs are on 6 development pads within CDA
 - Mesa 7-18, 15-18, 13-17, 3-17, 16-16 and 11-9
 - Anticipate drilling and completing approximately 116 wells
- Construction of 2 new well pads in CDA for 2012/2013 planned activity
- Expansion of 5 existing well pads in CDA for 2012/2013 activity
- Fall 2012 reclamation planned on 11 well pads (8 on pads with no future development plans)



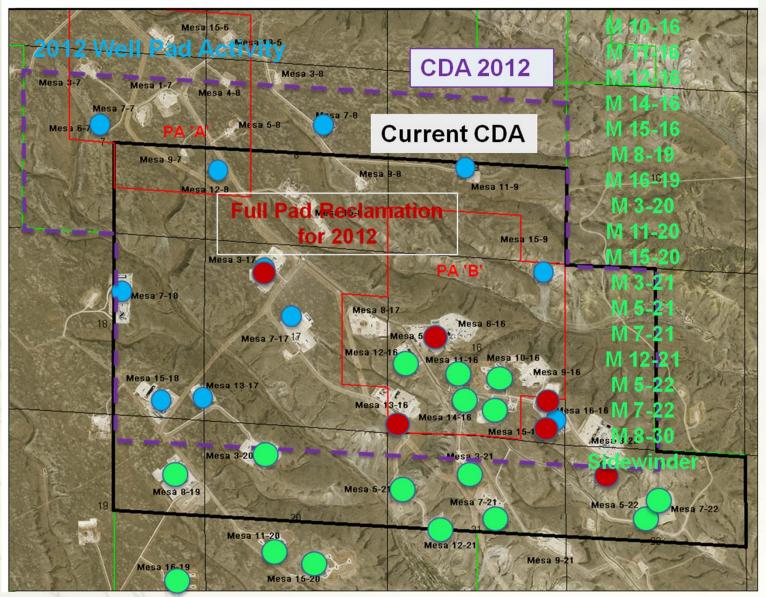
Field Development Update

- 73 existing pads; estimate a maximum of 100 pads upon completion of full field development
- ▶ 64 of 73 pads have active interim reclamation; 88%
- ➤ 18 of 73 pads have interim reclamation and no further development plans; 25%
- 860 acres of total pad disturbance; 465 acres with reclamation; 54% of pad disturbance is reclaimed
- All pits closed on inactive pads
- Southern ½ mile tier of CDA fully developed and in interim reclamation fall 2011. CDA is ready to move ½ mile north.



CDA Activity Map

Full Well Pad Reclamation for 2011







2012 ANNUAL PLANNING MEETING

23 Feb 12

Aimee Davison Sr. Regulatory Specialist Planner Tim Murray
Pinedale Development

LOCATIONS FOR CONSTRUCTION AND DEVELOPMENT

Feb 2011 to Feb 2012

- 2 new locations built
- 27 wells drilled

Feb 2012 to Feb 2013

- One new location to build
- Estimate 38 wells drilled

Monitoring and Mitigation Fund

- 68 spud payments at \$7,500 for \$510,000 contribution in 2011
- \$3,742,500 contribution to date

RECLAMATION

- 708.36 Acres of Disturbance, 569.41 Acres Reclaimed; 80%
 - 66.48 Acres Site Stabilization
 - 172.12 Acres Interim Reclamation
 - 23.71 Acres Final Reclamation
 - 6.5 Acres Final Reclamation access roads
 - 300.6 acres reclaimed pipeline rights of way
- 53 of 77 pads have site stabilization and/or interim reclamation
- 6 of 77 pads have final reclamation

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LGS

■ LGS completed and operational in DA 1, 2, 3 and 4

DA5

- Extension granted in 2010 to gather more information to design DA5 development and LGS that is the optimal size and in the most efficient locations
- Reduces the potential for unnecessary wildlife and habitat disturbance

■ Reducing Emissions, Minimizing Wildlife/Habitat Disturbance

- Closed all drilling and completion pits
- Bimonthly FLIR camera surveys to ID and correct fugitive emissions
- Reduced truck traffic (travel management plan, pup trailers to consolidate loads, new produced water and condensate truck unloading facilities at Central LGS)
- Installed vapor recovery compression at Central LGS to further reduce VOCs and NOx

Work continues

- Explored "wet gas" collection
- Obtained seismic data and completed 4 test wells, no additional drilling in DA5 until LGS solution in place
- Exploring all available options, including 3rd party alternatives
- Commitment is an LGS for DA5 operational by September 2013 or no further development in

WATER USE AND MONITORING

Water Use

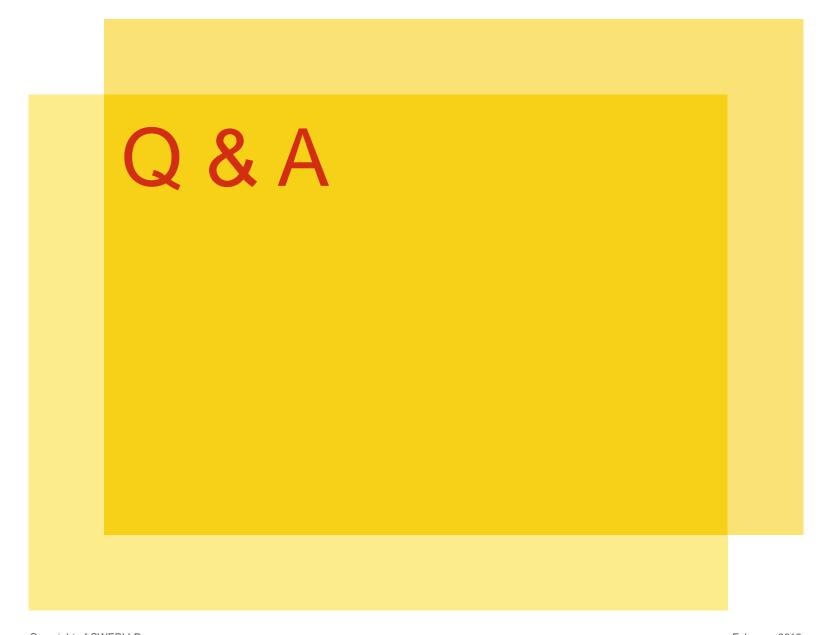
- 87% of disposed water went into the South Mesa Injection Facility
- 13% of disposed water went into the Big Piney Injection Facility
- Water re-use more than 74%

Monitoring

- Continue to track groundwater usage on a quarterly basis by water well
- All water wells equipped with double check valves and totalizer flow meters or locked when not in use

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Activity

- 2011 Drilled 212 wells, average of 7.8 rigs operating in the year
- 2012 Plan to drill ~ 48 wells, average 2.4 operating rigs

Pads

- 2011 9 built, 1 expanded, 29 interim reclamation
- 2012 3 planned to build, 6 interim reclamation planned
- Total to date: 127 pads interim reclaimed, 15 pads final

LGS

- ROD requirement met by completing LGS system in 2010
- At year end 2011, 885 wells were connected to our gathering system

Pinedale Anticline Annual Planning Meeting

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- Water
 - 100% of completion water is recycled water.
 - 79% of produced water is now injected for disposal
 - 7% sent directly to completions
 - 14% is sent to a facility for recycle or disposal
- Projects
 - 100% pits are closed
 - All Ultra rigs use SCRs to reduce NOX emissions
- Pinedale Anticline Monitoring and Mitigation Fund
 - Additional \$1,365,000 contributed in 2011
 - Cumulative total \$7,350,000